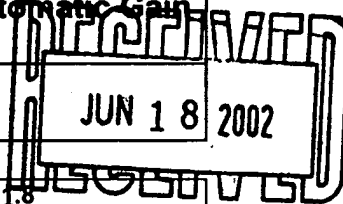


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. (Optional) SYMM1160-1



Applicant Jeremy Sommer et al.	
Application Number 09/843,161	Filed April 25, 2001
For Long Subscriber Loops Using Automatic Gain Control	
Group Art Unit 2661	Examiner Unknown



Hon. Asst. Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

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CERTIFICATION UNDER 37 C.F.R. § 1.56

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on May 21, 2002.

Carolyn Williams
Carolyn Williams

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(d)

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97 (g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Applicant hereby states under 37 C.F.R. § 1.97 (e)(1) that each item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not

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more than three months prior to the filing of the present statement, as evidence by the date of the enclosed search report.

While Applicant believes no fees are due in connection with the filing of this Supplemental Information Disclosure Statement, if any fees are due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0456 of Gray Cary Ware & Freidenrich LLP.

Respectfully submitted,

Gray Cary Ware & Freidenrich LLP
Attorneys for Applicant

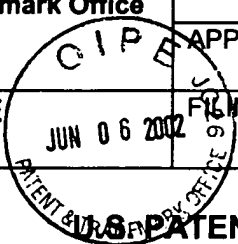


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Dated: May 23, 2002

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FORM PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO.: SYMM1160-1	COPY OF PAPERS ORIGINAL FILED SERIAL NO.: 09/843,161
	APPLICANT(S): Jeremy Sommer et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: April 25, 2001	GROUP ART UNIT: 2661



US PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A12	5,617,450	04/01/97	Kakuishi et al.	375	230	08/10/94
	A13	4,606,043	08/12/86	Aprille, Jr. et al.	375	12	10/09/84
	A14						
	A15						
	A16						
	A17						

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	B3	0 338 804	10/25/89	Europe	H04B	3/10	Yes
	B4						
	B5						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	C28	International Search Report dated March 18, 2002.
	C29	
	C30	
	C4	

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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.